

SUBSTITUTE SPECIFICATION



ELECTRIC POWER DEMAND PREDICTION METHOD
AND SYSTEM THEREFOR

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Technology Center 2100

BACKGROUND OF THE INVENTION

[0001] The present invention relates to an electric power demand prediction method and a system for providing a prediction of an electric power demand to be satisfied under a contract with an electric power supplier or an electric power company.

[0002] Conventionally, prediction of electric power demand is carried out by predicting a total demand per individual electric power company for controlling the power supply by determining the requirements of power plants bearing a basic and constant power load and power plants providing variable outputs depending upon variation of the power load. Thus, electric power demand prediction has been performed by each individual electric power company independently of the others. Furthermore, the prediction is per facility serviced by the electric power company. However, in the environment where energy consumers may freely select electric power suppliers and/or electric power companies for receiving service, the conventional manner of prediction and electric power supply control cannot be always adapted to electric power conditions.

[0003] Conventionally, there is no business entity

ENTRY of Sub Spec. Approved.
PHL 2/10/05

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5 The present invention relates to an electric power demand prediction method and a system therefor for providing a prediction of an electric power demand under a contract with an electric power supplier or an electric power company.

Description of the Related Art

10 Conventionally, prediction of electric power demand is performed by predicting a total demand per an individual electric power company for controlling power supply by determining power plants bearing a basic and constant power load and power plants variable of outputs depending upon variation of power load.

15 The electric power demand prediction has been thus performed by each individual electric power company independently of the other. Furthermore, the prediction is per facility held by the electric power company. However, in the environment where energy consumers may freely select electric power suppliers
20 and/or electric power companies for receiving service, the conventional manner of prediction and electric power supply control cannot be always adapted to electric power condition.

Conventionally, there is no business entity performing electric power supply services. Therefore, it has merely be
25 performed by each electric power company to predict electric

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